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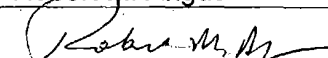
PTO/SB/05 (4/98)

Approved for use through 09/30/2000. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION TRANSMITTAL <small>(Only for new non-provisional applications under 37 C.F.R. § 1.53(B))</small>		Attorney Docket No. S104.12-0041/STL 11309.00																																
		First Inventor or Application Identifier Ricardo SoonLian Lim et al.																																
		Title	MULTI-TIERED RETRY SCHEME FOR LOADING SYSTEM DATA																															
		Express Mail Label No. EV 178016465 US																																
APPLICATION ELEMENTS <small>See MPEP chapter 600 concerning utility patent application contents.</small>		Address To: Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450																																
1. <input checked="" type="checkbox"/> *Fee Transmittal Form e.g., PTO/SB17) <small>(Submit an original and a duplicate for fee processing)</small>	7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table of Computer program (Appendix)	<div style="writing-mode: vertical-rl; transform: rotate(180deg);">17410 U.S. PTO 10/603015 96/24/03</div> 																																
2. <input type="checkbox"/> Applicant Claims small entity status	8. Nucleotide and/or Amino Acid Sequence Submission <small>(If applicable, all necessary)</small>																																	
3. <input checked="" type="checkbox"/> Specification [Total Sheets 17] <small>(preferred arrangement set forth below)</small> <ul style="list-style-type: none">- Descriptive title of the Invention)- Cross References to Related Applications- Statement Regarding Fed sponsored R & D- Reference to Microfiche Appendix- Background of the Invention- Brief Summary of the Invention- Brief Description of the Drawings (if filed)- Detailed Description- Claim(s)- Abstract of the Disclosure	a. <input type="checkbox"/> Computer Readable Copy																																	
4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. § 113) [Total Sheets 2]	b. Specification Sequence Listing on: <ul style="list-style-type: none">i. <input type="checkbox"/> CD-ROM or CD-R (2 Copies); orii. <input type="checkbox"/> Paper																																	
5. Oath or Declaration [Total Sheets 3] <ul style="list-style-type: none">a. <input checked="" type="checkbox"/> Newly executed (original or copy)b. <input type="checkbox"/> Copy from a prior application (37 C.F.R. § 1.63(d)) <small>(for continuation/divisional with Box 18 completed)</small><ul style="list-style-type: none">i. <input type="checkbox"/> DELETION OF INVENTOR(S) <small>Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§1.63(d)(2) and 1.33(b).</small>	c. <input type="checkbox"/> Statement verifying identity of above copies																																	
6. <input checked="" type="checkbox"/> Application Data Sheet. See 37 CFR 1.76	ACCOMPANYING APPLICATION PARTS																																	
18. If a CONTINUING APPLICATION , check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: <input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation –in part (CIP) of prior application No: _____ / Prior application information: Examiner _____ Group/Art Unit: _____ FOR CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.	9. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s))																																	
17. CORRESPONDENCE				10. <input checked="" type="checkbox"/> 37 C.F.R. § 3.73(b) Statement <input checked="" type="checkbox"/> Power of Attorney <small>(when there is an assignee)</small>																														
<input type="checkbox"/> Customer Number or Bar Code Label or <input checked="" type="checkbox"/> Correspondence address below <div style="border: 1px solid black; width: 200px; height: 20px; margin: 5px auto; text-align: center;"><small>(Insert Customer No. or Attach bar code label here)</small></div>				11. <input type="checkbox"/> English Translation Document (if applicable)																														
<table border="1" style="width:100%; border-collapse: collapse;"><tr><td style="width: 30%;">Name</td><td colspan="3">Robert M. Angus</td></tr><tr><td></td><td colspan="3">WESTMAN CHAMPLIN & KELLY</td></tr><tr><td>Address</td><td colspan="3">Suite 1600 – International Centre</td></tr><tr><td></td><td colspan="3">900 South Second Avenue</td></tr><tr><td>City</td><td>Minneapolis</td><td>State</td><td>MN</td></tr><tr><td>Country</td><td>USA</td><td>Telephone</td><td>(612) 334-3222</td></tr><tr><td></td><td></td><td>Zip Code</td><td>55402-3319</td></tr><tr><td></td><td></td><td>Fax</td><td>(612) 334-3312</td></tr></table>				Name	Robert M. Angus				WESTMAN CHAMPLIN & KELLY			Address	Suite 1600 – International Centre				900 South Second Avenue			City	Minneapolis	State	MN	Country	USA	Telephone	(612) 334-3222			Zip Code	55402-3319			Fax
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		13. <input type="checkbox"/> Preliminary Amendment																																
		14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <small>(Should be specifically itemized)</small>																																
		15. <input type="checkbox"/> Certified Copy of Priority Document(s) <small>(if foreign priority is claimed)</small>																																
		16. <input type="checkbox"/> Nonpublication Request Under 35 USC 122 <small>(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent</small>																																
		17. <input checked="" type="checkbox"/> Other: Notice of Change of Address																																

Name (Print/type)	Robert M. Angus	Registration No. (Attorney/Agent)	24,383
Signature		Date	6/24/03

FEE TRANSMITTAL		<i>Complete if Known</i>																																																																																																																																															
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1. <input checked="" type="checkbox"/> The Director is hereby authorized to charge any additional fee required under 37 C.F.R. § 1.16 and 1.17, including any petition fee, and credit any over payments to Deposit Account No. <u>23-1123</u> . Westman, Champlin & Kelly, P.A. 2. <input checked="" type="checkbox"/> Checks Enclosed		3. ADDITIONAL FEES <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee</th> <th>Fee</th> <th>Fee</th> <th>Fee</th> </tr> <tr> <th>Code</th> <th>(\$)</th> <th>Code</th> <th>(\$)</th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>1051</td> <td>130</td> <td>2051</td> <td>65</td> <td>Surcharge - Late filing fee or oath</td> <td></td> </tr> <tr> <td>1052</td> <td>50</td> <td>2052</td> <td>25</td> <td>Surcharge - Late provisional Filing Fee or cover sheet</td> <td></td> </tr> <tr> <td>1053</td> <td>130</td> <td>1053</td> <td>130</td> <td>Non-English specification</td> <td></td> </tr> <tr> <td>1812</td> <td>2,520</td> <td>1812</td> <td>2,520</td> <td>For Filing a Request for Reexamination. (ex parte)</td> <td></td> </tr> <tr> <td>1251</td> <td>110</td> <td>2251</td> <td>55</td> <td>Extension for reply within first month</td> <td></td> </tr> <tr> <td>1252</td> <td>410</td> <td>2252</td> <td>205</td> <td>Extension for reply within second month</td> <td></td> </tr> <tr> <td>1253</td> <td>930</td> <td>2253</td> <td>465</td> <td>Extension for reply within third month</td> <td></td> </tr> <tr> <td>1254</td> <td>1,450</td> <td>2254</td> <td>725</td> <td>Extension for reply within fourth month</td> <td></td> </tr> <tr> <td>1255</td> <td>1,970</td> <td>2255</td> <td>985</td> <td>Extension for reply within fifth month</td> <td></td> </tr> <tr> <td>1402</td> <td>320</td> <td>2402</td> <td>160</td> <td>Filing a brief in support of an appeal</td> <td></td> </tr> <tr> <td>1403</td> <td>280</td> <td>2403</td> <td>140</td> <td>Request for oral hearing</td> <td></td> </tr> <tr> <td>1814</td> <td>110</td> <td>2814</td> <td>55</td> <td>Terminal Disclaimer Fee</td> <td></td> </tr> <tr> <td>1452</td> <td>110</td> <td>2452</td> <td>55</td> <td>Petition to Revive - unavoidable</td> <td></td> </tr> <tr> <td>1453</td> <td>1,300</td> <td>2453</td> <td>650</td> <td>Petition to Revive - unintentional</td> <td></td> </tr> <tr> <td>1501</td> <td>1,300</td> <td>2501</td> <td>650</td> <td>Utility/Reissue issue fee (inc. advance copies)</td> <td></td> </tr> <tr> <td>1502</td> <td>470</td> <td>2502</td> <td>235</td> <td>Design issue fee (inc. advance copies)</td> <td></td> </tr> <tr> <td>1460</td> <td>130</td> <td>1460</td> <td>130</td> <td>Petitions to the Commissioner</td> <td></td> </tr> <tr> <td>1807</td> <td>50</td> <td>1807</td> <td>50</td> <td>Petitions related to provisional applications</td> <td></td> </tr> <tr> <td>1806</td> <td>180</td> <td>1806</td> <td>180</td> <td>Submission of Information Disclosure Statement</td> <td></td> </tr> <tr> <td>8021</td> <td>40</td> <td>8021</td> <td>40</td> <td>Recording each patent assignment per property (times number of properties)</td> <td></td> </tr> <tr> <td colspan="4">Other Fee (specify) _____</td> <td></td> <td></td> </tr> </tbody> </table>		Large Entity		Small Entity		Fee Description	Fee Paid	Fee	Fee	Fee	Fee	Code	(\$)	Code	(\$)			1051	130	2051	65	Surcharge - Late filing fee or oath		1052	50	2052	25	Surcharge - Late provisional Filing Fee or cover sheet		1053	130	1053	130	Non-English specification		1812	2,520	1812	2,520	For Filing a Request for Reexamination. (ex parte)		1251	110	2251	55	Extension for reply within first month		1252	410	2252	205	Extension for reply within second month		1253	930	2253	465	Extension for reply within third month		1254	1,450	2254	725	Extension for reply within fourth month		1255	1,970	2255	985	Extension for reply within fifth month		1402	320	2402	160	Filing a brief in support of an appeal		1403	280	2403	140	Request for oral hearing		1814	110	2814	55	Terminal Disclaimer Fee		1452	110	2452	55	Petition to Revive - unavoidable		1453	1,300	2453	650	Petition to Revive - unintentional		1501	1,300	2501	650	Utility/Reissue issue fee (inc. advance copies)		1502	470	2502	235	Design issue fee (inc. advance copies)		1460	130	1460	130	Petitions to the Commissioner		1807	50	1807	50	Petitions related to provisional applications		1806	180	1806	180	Submission of Information Disclosure Statement		8021	40	8021	40	Recording each patent assignment per property (times number of properties)		Other Fee (specify) _____					
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Signature Robert M. Angus
(Robert M. Angus)

Reg. No. 24,383

Date Jan 24, 2003

Deposit Account No. 23-1123

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named
Inventor : Ricardo SoonLian Lim et al.

Appln. No.: Filed Herewith

Filed : Filed Herewith

For : MULTI-TIERED RETRY SCHEME FOR
LOADING SYSTEM DATA

Docket No.: S104.12-0041/STL 11309.00

Group Art Unit:

Examiner:

NOTICE OF CHANGE OF ADDRESS

Commissioner for Patents
P.O. Box 1450
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PATENT ATTORNEY

Sir:

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all purposes including notices of maintenance fees to:

Kirk A. Cesari
SEAGATE TECHNOLOGY LLC
Intellectual Property Dept. - SHK2LG
1280 Disc Drive
Shakopee, MN 55379-1863

Respectfully submitted,

WESTMAN, CHAMPLIN & KELLY, P.A.

By: 

Robert M. Angus, Reg. No. 24,383
WESTMAN CHAMPLIN & KELLY
Suite 1600 - International Centre
900 Second Avenue South
Minneapolis, MN 55402-3319

RMA/djb